

M 3.8, Nevada

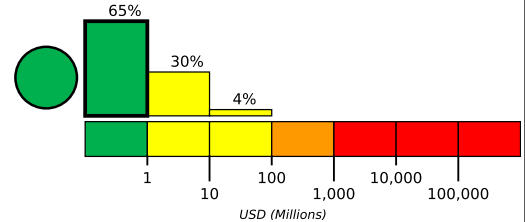
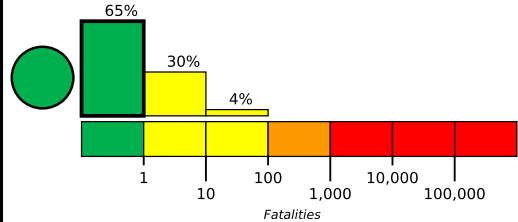
Origin Time: 2023-07-16 04:36:09 UTC (Sat 21:36:09 local)
Location: 38.5249° N 118.1356° W Depth: 11.7 km

Created: 1 day, 0 hours after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

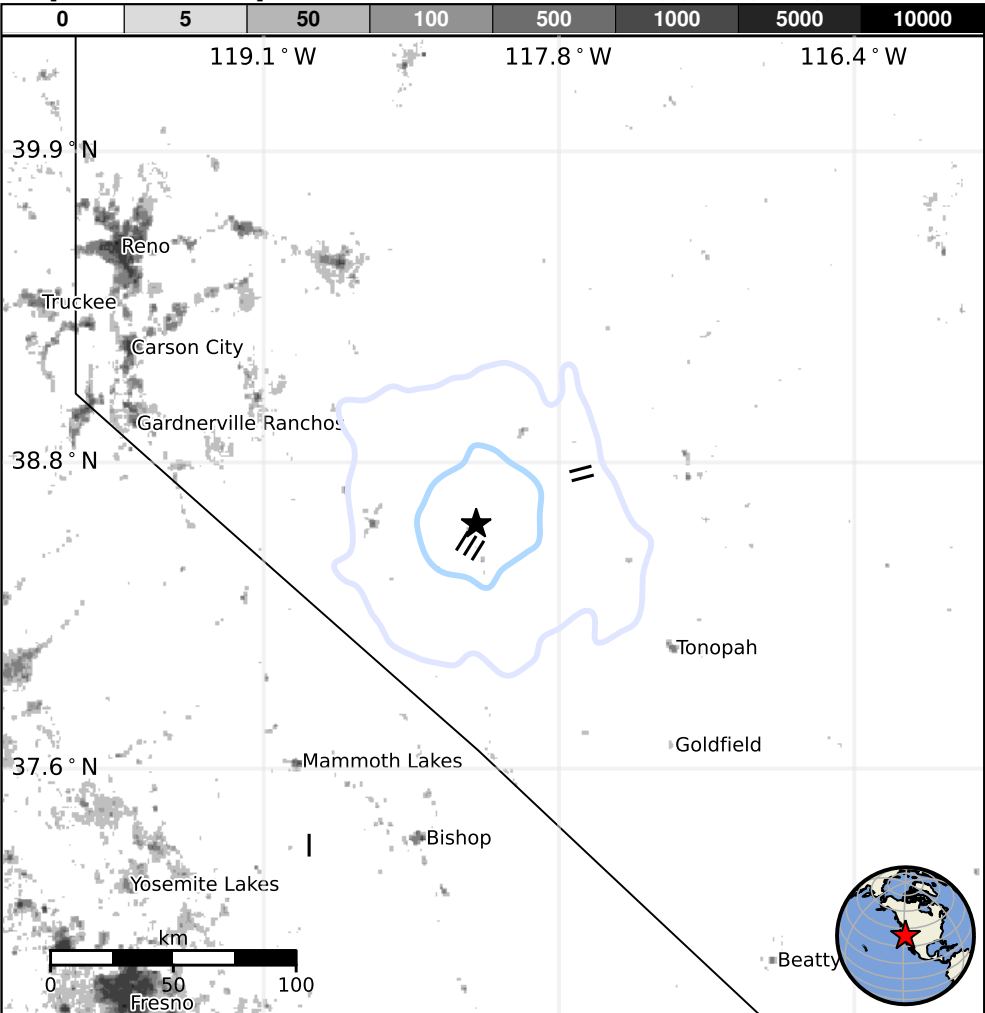


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		1,814k	6k	0	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are unreinforced brick masonry and reinforced masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1980-01-24	326	5.8	VII(35k)	1
1989-08-08	366	5.4	VII(4k)	1
1989-10-18	355	6.9	VIII(109k)	62

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
II	Hawthorne	3k
I	Yerington	3k
I	Bridgeport	1k
I	Fallon	9k
I	Ahwahnee	2k
I	Minden	3k
I	Carson City	55k
I	Fresno	495k
I	Reno	225k
I	Clovis	96k
I	Sparks	90k